

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address COMMISSIONER FOR PATENTS P.O. Box 1450 Alexandria, Vinginia 22313-1450 www.usplu.gov

APPLICATION NUMBER

FILING OR 371 (c) DATE

FIRST NAMED APPLICANT

ATTORNEY DOCKET NUMBER

10/810,948

SAN DIEGO, CA 92191-9092

36183

P.O. BOX 919092

03/25/2004

Ismail Lakkis

45389.00006.CIP1

**CONFIRMATION NO. 9810** 

FORMALITIES LETTER

\*OC000000012902659\*

Date Mailed: 06/08/2004

## NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

### Filing Date Granted

## **Items Required To Avoid Abandonment:**

PAUL, HASTINGS, JANOFSKY & WALKER LLP

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing. A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 14,21,23-26.

#### **SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is \$65 for a Small Entity

\$65 Late oath or declaration Surcharge.

08/16/2004 FFANAIA2 00000097 10810948

02 FC:2051

65.00 OP

<sup>5</sup>Replies should be mailed to:

Mail Stop Missing Parts

Commissioner for Patents

P.O. Box 1450

Alexandria VA 22313-1450

A copy of this notice <u>MUST</u> be returned with the reply.

Customer Service Center

Initial Patent Examination Division (703) 308-1202
PART 2 - COPY TO BE RETURNED WITH RESPONSE

Approved for use through 07/31/2006. OMB 0651-0032

Date August 9, 2004

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| oder the Paperwork Reduction Act of 1995, no persons are requir   | ed to respond to a collection of inform | nation unless it displays a valid OMB co | ntrol numbe |
|---|---|--|-------------|
| CRE TO A NOMITTAL   |   | Complete if Known                        |             |
| <b>NATE</b> TRANSMITTAL   | Application Number                      | 10/810,948                               |             |
| ₩ `   | Filing Date                             | March 25 2004                            |             |
| ig tot i 200 <del>4</del>   | First Named Inventor                    | Ismail Lakkis                            |             |
| Effective 01/01/2003. Patent fees are subject to annual revision. | Examiner Name                           | TBD                                      |             |
| Applicant claims small entity status. See 37 CFR 1.27             | Art Unit                                | 2631                                     |             |
| TOTAL AMOUNT OF PAYMENT \$105.00                                  | Attorney Docket No.                     | 45389.00006.CIP1                         |             |

| METHOD OF PAYMENT (check all that apply)  FEE CALCULATION (continued) |   |                     |                    |        |       |        |                                      |   |             |
|---|---|---------------------|--------------------|--------|-------|--------|--------------------------------------|---|-------------|
| Check Credit card Money Order Other None 3. ADDITIONAL FEES           |   |                     |                    |        |       |        |                                      |   |             |
|   |   |                     |                    | Equity | Small | Equity | _                                    |   |             |
| Deposit   |   |                     | Fee                | Fee    | Fee   | Fee    | -<br>F:                              | e Description                                 |             |
| Account   | 50-2613   |                     | Code               | (\$)   | Code  | (\$)   |                                      | •   | Fee Paid    |
| Number  |   |                     | 1051               | 130    | 2051  | 65     | Surcharge – late                     | filing fee or oath                            | \$65.00     |
| Deposit Account   | Paul, Hastings, Janofsky & Walker LLP   |                     | 1052               | 50     | 2052  | 25     | Surcharge – late<br>sheet            | provisional fee or cover                      |             |
| Name L  |   | •                   | 1053               | 130    | 1053  | 130    | Non-English spe                      | cification                                    |             |
|   | uthorized to: (check all that apply)  |                     | 1812               | 2,520  | 1812  | 2,520  | For filing a reque                   | st for ex parte reexamination                 |             |
|   | indicated below Credit any overpayments   |                     | 1804               | 920*   | 1804  | 920*   | Requesting publi                     | cation of SIR prior to                        | <del></del> |
| Charge any a  | dditional fee(s) during the pendency of this application  |                     | •                  |        |       |        | Examiner action                      |   |             |
|   | indicated below, except for the filing fee tified deposit account.  |                     | 1805               | 1,840* | 1805  | 1,840* | Requesting publi action              | cation of SIR after Examiner                  |             |
| FEE CALCULA   | TION  |                     | 1251               | 110    | 2251  | 55     | Extension for rep                    | ly within first month                         |             |
| 1. BASIC FIL  | ING FEE   |                     | 1252               | 420    | 2252  | 210    | Extension for rep                    | ly within second month                        |             |
| Large Entity  | Small Entity  |                     | 1253               | 950    | 2253  | 475    |                                      | ly within third month                         |             |
| Fee Fee (\$)  | Fee Fee Paid  Code (\$) Fee Description Fee Paid  |                     | 1254               | 1,480  | 2254  | 740    | Extension for rep                    | ly within fourth month                        |             |
| Code (\$)<br>1001 770   | Code (\$) reconstruction 100 and 100 an | 7                   | 1255               | 2,010  | 2255  | 1,005  | Extension for ren                    | ly within fifth month                         |             |
| 1002 340  | 2002 170 Design filing fee  | -                   | 1401               | 330    | 2401  | 165    | Notice of Appeal                     | ,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,       |             |
| 1003 530  | 2003 265 Plant filing fee   | _                   | 1402               | 330    | 2402  | 165    |                                      | pport of an appeal                            |             |
| 1004 770  | 2004 385 Reissue filing fee   |                     | 1403               | 290    | 2403  | 145    | Request for oral                     |   |             |
| 1005 160  | 2005 80 Provisional filing fee  | <b>7</b> .          | 1451               | 1,510  | 1451  | 1,510  | Petition to institut                 | e a public use proceeding                     |             |
|   | SUBTOTAL (1) (\$)   | Π.                  | 1452               | 110    | 2452  | 55     | Petition to revive                   | <ul> <li>unavoidable</li> </ul>               |             |
| 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE                           |   |                     | 1453               | 1,330  | 2453  | 665    | Petition to revive                   | <ul><li>unintentional</li></ul>               |             |
|   | Fee from  |                     |                    |        |       |        |                                      |   |             |
|   | Fee Extra Claims below  | Paid                | 1501               | 1,330  | 2501  | 665    | Utility issue fee (                  | or reissue)                                   |             |
| Total Claims  | -20**= x \$9.00 =   |                     | 1502               | 480    | 2502  | 240    | Design issue fee                     |   |             |
| Independent   | - 3**= 0 x \$43.00 =  |                     | 1503               | 640    | 2503  | 320    | Plant issue fee                      |   |             |
| Claims  |   |                     | 1460               | 130    | 1460  | 130    | Delitions to the C                   |   |             |
| Multiple Depender<br>Large Entity                                     | Small Entity  |                     | 1807               | 50     | 1807  | 50     | Processing for u                     | ommissioner<br>nder 37 CFR 1.17(g)            |             |
| Fee Fee   | Egg Egg   |                     |                    |        |       |        | •                                    |   |             |
| Code (\$)   | Code (\$) Fee Description   |                     | 1806               | 180    | 1806  | 180    |                                      | ormation Disclosure Stmt                      |             |
| 1202 18   | 2202 9 Claims in excess of 20   |                     | 8021               | 40     | 8021  | 40     |                                      | patent assignment per<br>umber of properties) | \$40.00     |
| 1201 · 86   | 2201 43 Independent claims in excess of 3   |                     | 1809               | 770    | 2809  | 385    |                                      | on after final rejection (37                  |             |
| 1203 290  | 2203 145 Multiple dependent claim, if not paid  |                     | 1810               | 770    | 2810  | 385    |                                      | al invention to be examined                   |             |
| 1204 86   | 2204 43 ** Reissue independent claims over original patent  |                     | 1801               | 770    | 2801  | 385    | (37 CFR 1.129(b)<br>Request for Cont | inued Examination (RCE)                       |             |
| 1205 18   | 2205 9 ** Reissue claims in excess of 20 and over original patent   |                     | 1802               | 900    | 1802  | 900    | Request for expedesign application   | dited examination of a                        |             |
| SUBTOTAL (2) (\$)   |   |                     |                    |        |       |        | 220/gii appilodiloi                  | •   |             |
| ** or number previ  | ** or number previously paid, if greater; For Reissues, see above. *Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$)105.00  |                     |                    |        |       |        |                                      |   |             |
| SUBMITTED BY  |   |                     |                    |        | "     |        | (Compl                               | ete (if applicable)                           |             |
| Name (Print/Type  |   | egistra<br>ttorney/ | tion No<br>Agent). | 47,    | 596   |        |                                      | Telephone 858-720-2500                        |             |

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit and information and authorization on PTO-2038.

The collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to

The collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application of:

Ismail Lakkis

**Application No.:** 

10/810,948

Filing Date:

March 25, 2004

**Confirmation No.:** 

9810

**Group Art Unit:** 

2631

**Examiner:** 

**TBD** 

For:

SYSTEMS AND METHODS FOR

IMPLEMENTING PATH
DIVERSITY IN A WIRELESS
COMMUNICATION NETWORK

CERTIFICATE OF MAILING (37 C.F.R. § 1.8)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail' in an envelope addressed to the Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450

Maria Carvalho

Ougust 9,204

(Date)

Maya Causho

TRANSMITTAL LETTER

MAIL STOP MISSING PARTS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Enclosed are the following documents:

- Response to Notice to File Missing Parts of Nonprovisional Application (3 pgs.);
- Copy of Notice to File Missing Parts of Nonprovisional Application (2 pgs.);
- Executed Declaration from inventor(s) (2 pgs.);
- Recordation Form Cover Sheet (1 pg.);
- Copies of Assignments (2 pgs);

- Grant of Power of Attorney (1 pg);
- Fee Transmittal for FY 2004 (in duplicate);
- Replacement Drawing FIG. 14, 21, 23-26 (6 sheet);
- Check in the amount of \$105.00; and
- Return Postcard.

Respectfully submitted,

PAUL, HASTINGS, JANOFSKY, & WALKER LLP

Dated

9-AUX-29

D.,,

Ngel Q. Gillespi

Reg. No. 47,596

NCG/mfc

PAUL, HASTINGS, JANOFSKY, & WALKER LLP CONFIRMATION NO.: 36183

P.O. Box 919092

San Diego, CA 92191-9092 Telephone: (858) 720-2500 Facsimile: (858) 720-2555



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Application No.:

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**Examiner:** 

**TBD** 

For:

SYSTEMS AND METHODS FOR

**IMPLEMENTING PATH DIVERSITY IN A WIRELESS** COMMUNICATION NETWORK CERTIFICATE OF MAILING (37 C.F.R. § 1.8)

I hereby certify that this paper (along with anything referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as First Class Mail' in an envelope addressed to the Commissioner for Patents, P.O. Box 1450,

Alexandria, VA 22313-1450

Maria Carvalho

# SUBMISSION OF MISSING PARTS AND RELATED APPLICATION PAPERS

MAIL STOP MISSING PARTS Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

#### 1. **Documents Enclosed:**

In response to the NOTICE TO FILE MISSING PARTS OF APPLICATION UNDER 37 CFR 1.53(b), which was mailed by the Patent Office on June 8, 2004 enclosed are:

| $\boxtimes$ | Copy of Notice to File Missing Parts | s of Nonprovisional | Application | under 37 |
|-------------|--------------------------------------|---------------------|-------------|----------|
|             | CFR 1.53(b) (2 pages);               | -                   |             |          |

| $\boxtimes$ | Executed Declaration | (2 | pages); |
|-------------|----------------------|----|---------|

| $\boxtimes$ | Grant of Power of Attorney (1 page) |
|-------------|-------------------------------------|
|-------------|-------------------------------------|

|  | $\boxtimes$  | Copies of Assignment (2 pages);                     |                                       |                            |          |  |  |  |  |
|--|--|---|---------------------------------------|----------------------------|----------|--|--|--|--|
|  | $\boxtimes$  | Recordation Form Cover Sheet (1 page);              |                                       |                            |          |  |  |  |  |
|  | $\boxtimes$  | Replacement Drawing – FIG. 14, 21, 23-26 (6 sheet); |                                       |                            |          |  |  |  |  |
|  | $\boxtimes$  | Check for \$105.00;                                 |                                       |                            |          |  |  |  |  |
|  | $\boxtimes$  | Fee Transmittal fo                                  | r FY 2004 (in duplicate); an          | d                          |          |  |  |  |  |
|  | $\boxtimes$  | Return Receipt Po                                   | stcard.                               |                            |          |  |  |  |  |
| 2.   | REQU   | JEST FOR EXTE                                       | NSION OF TIME:                        |                            |          |  |  |  |  |
| -  | The prapply.   | oceedings herein ar                                 | e for a patent application and        | d the provisions of 37 CI  | FR 1.136 |  |  |  |  |
|  | Applicant(s) petitions for an extension of time under 37 CFR § 1.136 [fees: 37 CFR § 1.17(a)(1)-(5)] for the total number of months checked below: |   |                                       |                            |          |  |  |  |  |
| ٠.   |  | EXTENSION (months)                                  | FEE FOR SMALL<br>ENTITY               | FEE FOR OTHE<br>SMALL ENTI |          |  |  |  |  |
|  |  | one month   | \$55.00                               | \$110.00                   |          |  |  |  |  |
|  |  | two month   | \$210.00                              | \$420.00                   |          |  |  |  |  |
|  |  | three month   | \$475.00                              | \$950.00                   |          |  |  |  |  |
|  |  | four month  | \$740.00                              | \$1,480.00                 |          |  |  |  |  |
|  |  | five month  | \$1005.00                             | \$2,010.00                 |          |  |  |  |  |
| 3.   | FILIN  | G FEES  | -                                     |                            |          |  |  |  |  |
|  |  | C FILING FEE:                                       |                                       |                            | \$0.00   |  |  |  |  |
| Total (  | Claims   | 49 - 20 =   | 29 x \$18.00                          |                            | \$0.00   |  |  |  |  |
| Independent Claims $3 - 3 = 0 \times \$86.00$          |  |   |                                       |                            |          |  |  |  |  |
| Multiple Dependent Claims \$280 (if applicable) \$0.00 |  |   |                                       |                            |          |  |  |  |  |
| Surcharge 37 CFR § 1.16(e) \$130 (if applicable) \$1   |  |   |                                       |                            |          |  |  |  |  |
|  |  | ABOVE CALCUL  |                                       |                            | \$130.00 |  |  |  |  |
| Reduct   | tion by  | 1/2 for Filing by Sn                                | nall Entity. Note 37 CFR §§           | 1.9, 1.27,                 | \$65.00  |  |  |  |  |
| Extens   | sion of T  | Time (from above)                                   | · · · · · · · · · · · · · · · · · · · |                            | \$0.00   |  |  |  |  |
| Assign   | mentS  | 640 (if applicable)                                 |                                       | $\boxtimes$                | \$40.00  |  |  |  |  |
| TOTAL FEES SUBMITTED HEREWITH                          |  |   |                                       |                            |          |  |  |  |  |

3.

## 4. METHOD OF PAYMENT OF FEES:

Check in the amount of \$105.00 is enclosed to cover the above fee(s).

Charge Deposit Account No. 50-2613 in the amount of \$0.00.

The Commissioner is authorized to charge Counsel's Deposit Account No. 50-2613 for any additional fees required under 37 CFR 1.16, 1.17 and 1.445 that are not covered, in whole or in part, by a check enclosed herewith and to credit any overpayments to said Deposit Account 50-2613.

Respectfully submitted,

PAUL, HASTINGS, JANOFSKY, & WALKER LLP

Dated:

By:

Reg. No. 47,596/

NCG/mfc

PAUL, HASTINGS, JANOFSKY, & WALKER LLP CONFIRMATION NO.: 36183

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San Diego, CA 92191-9092 Telephone: (858) 720-2500 Facsimile: (858) 720-2555